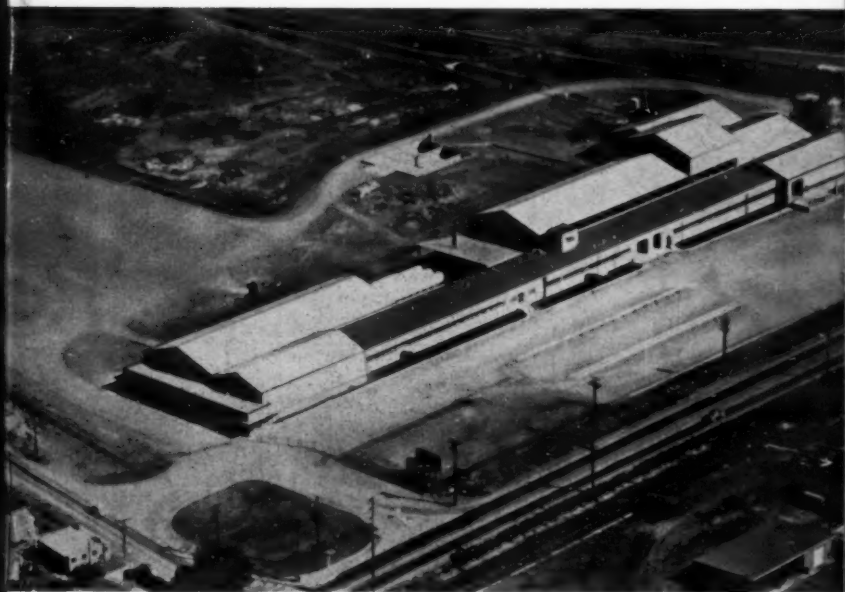
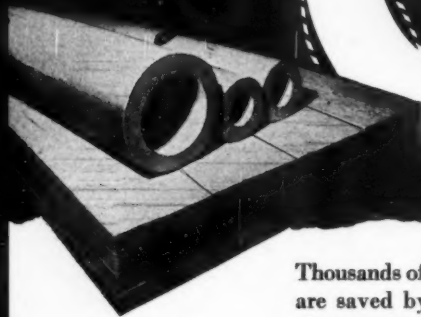


ASBESTOS



Plant of Keasbey & Mattison Co., Santa Clara, Calif.

FEBRUARY 1954



Thousands of dollars worth of fuel annually are saved by Thermalite 85% Magnesia pipe covering and block insulation. Not only does Thermalite have an exceptionally low thermal conductivity, but it is molded to exact, finished size — making possible the tight joints and snug fits that are necessary for maximum heat saving.

Designed for temperatures up to 600 F., Thermalite is manufactured in sectional form for pipe sizes up to 18" diameter. The hard, smooth surface and the light weight of Thermalite make it easy to handle, cut and apply.

For information on sizes, recommended thicknesses and recommended application procedure, write for Bulletin 4h.



Ehret Magnesia Manufacturing Co.

VALLEY FORGE, PENNSYLVANIA

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE

BY SECRETARIAL SERVICE
808 WESTERN SAVING FUND BLDG.
S. E. COR. BROAD & CHESTNUT STS.
PHILADELPHIA, 7, PENNSYLVANIA

Estate of C. J. STOVER, Proprietor

A. S. ROSSITER, Editor

E. E. COX, Circulation Manager

Entered As Second Class Matter November 23, 1923, at the Post
Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume 35

FEBRUARY 1954

Number 8

CONTENTS

<i>Editorial</i>	Page
KEASBEY & MATTISON CO.—HISTORY	2
REPORTS ON ASSOCIATION ACTIVITIES	
1. Asbestos Textile Institute	10
2. Asbestos-Cement Products Association	14
RELOCATION PROGRAM AT THETFORD MINES	18
Building	24
MARKET CONDITIONS	26
Imports and Exports	32
Production Statistics	36
NEWS OF THE INDUSTRY	40
Asbestos Stock Quotations	46
Automobile Sales	47
Current Range of Price	47
Wage Rate Changes	48
Book List	50
Afterthoughts	52

ASBESTOS is indexed regularly by Engineering Index, Inc.

SUBSCRIPTION PRICE

United States - - - - - \$2.00 Per Year
Canada - \$3.00 Per Year Foreign Countries - \$3.00 Per Year
Back Copies - .35 Each Single Copies - (Current) .25 Each
(Payable in U. S. Funds)

Copyright 1954, Maud M. Stover, Executrix, Estate of C. J. Stover

KEASBEY & MATTISON CO.--HISTORY



*Ernest Muehlecke,
President*

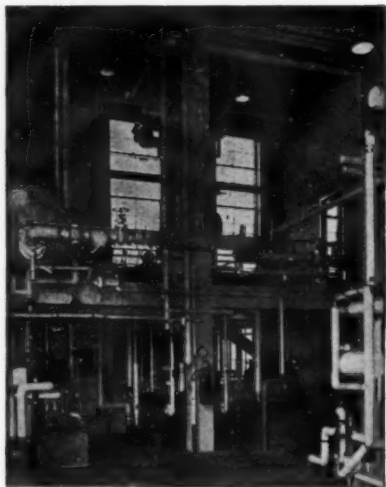
It was in 1873, 81 years ago, that two young pharmacists, Henry G. Keasbey and Richard V. Mattison were graduated from the Philadelphia College of Pharmacy. They formed a partnership for the manufacture of pharmaceutical preparations, and opened a modest laboratory in Philadelphia. Right from the start, the little business prospered.

One of their basic products was Carbonate of Magnesia, made from a mineral deposit known as Kieserite which they imported from abroad. Then they learned that high grade Dolomite—from which they could extract a superior grade of Magnesium Basic Carbonate—was available in large quantities in the vicinity of Ambler, Pennsylvania. So, in 1882, they moved to Ambler, and built the first plant on the site where the Company now stands.

Here Steam enters the scene. In 1886, the two partners learned of the remarkable insulating properties of Magnesium Basic Carbonate. They saw the huge need for efficient insulation in the growing age of Steam Power. Dr. Mattison, who had been interested since boyhood in Asbestos as a mineral, experimented with a mixture of Asbestos and Magnesium Basic Carbonate. Next, he moulded it into sectional pipe coverings.

Result? The birth of 85% Magnesia! Yes, from this beginning in the K&M lab came today's "standard" insulating material which saves Industry millions of dollars annually in fuel.

After the development of 85% Magnesia, Dr. Mattison devoted more and more time to the strange mineral Asbestos. During the decade 1890-1900 he experimented with it in several different forms. In 1897, K&M started manufacturing Asbestos Paper and Millboard, primarily for insulation products. K&M Air Cell insulation for low



For more than
60 years the most
efficient and
practical insulation
up to 600° F.—
"FEATHERWEIGHT"
85% MAGNESIA

A PROFITABLE INVESTMENT FOR—

THE USER, because it maintains a high insulating value, no matter how long in service.

THE CONTRACTOR, because it is easily handled and installed.

THE DISTRIBUTOR, because it has wide acceptance and is sold on its merits.

"Featherweight" 85% Magnesia is foremost in a complete line of insulations designed for various kinds and conditions of service.

*Nature made
Asbestos...*

*Keasbey & Mattison has made
it serve mankind since 1873*



KEASBEY & MATTISON
COMPANY • AMBLER • PENNSYLVANIA

pressure lines was one of the first of these new Asbestos Paper products, and is still in the K&M line. New uses for Paper and Millboard were quickly discovered. Today these K&M products serve as electrical insulations, gaskets, clutch facings, welding shields and for a host of other fire-and-heat-resisting uses.

Although nearly all of the ancient articles of Asbestos were in textile form, it wasn't until 1896 that American Industry could obtain Asbestos textiles in commercial quantities—and K&M then started to produce them on this basis.

Today, K&M Asbestos Textiles—yarn, thread, rovings, tape cloth—are used in electrical insulations, conveyor belts, brake linings, railroad locomotives, rolling stock and many other places in industry and everyday life. Many cities have ordinances requiring theatres to have curtains made of Asbestos cloth.

Further results of K&M research came in 1900 when a new department was set up to process Asbestos with rubber to form high pressure packings.

Packings of Asbestos . . . before that, Asbestos Paper . . . and before that, Textiles—what about the pharmaceutical products? They were still being made, and today, K&M makes certain pharmaceutical grades of Magnesium Carbonate and Magnesium Oxide. But it is an interesting sidelight that this firm, which started out as a pharmaceutical manufacturer, quickly shifted over into the Asbestos field—to a point where drug sales volume was a small factor in comparison!

During the summer of 1905, residents of Ambler noticed an unusual building going up on Dr. Mattison's estate . . . and an even more unusual type of material for the roof.

The building was a huge water tank house containing five 20,000 gallon tanks on the upper level, and apartment dwellings below. The roofing was fashioned of a new kind of shingle made of asbestos-cement . . . the first application of asbestos-cement shingles in America.

Once this new asbestos-cement process became well established, the Company lost no time in expanding the



ASBESTOS

"SHORTS" and "FLOATS"

Offer Many Applications—

Example: Molded Plastics

Our new, modern mill at Lowell, Vt., offers many grades of "Shorts" and "Floats" to meet special formulas of diverse manufacturers.

"Asbestos Floats" for use by Phenolic Plastic Manufacturers, where special grades are required for exclusive formulas, assure faster moulding with the least distortion in drying.

"Asbestos Floats" are used in manufacturing Filler Cement for use in applying Gypsum Board, where bulk and freeness of grit is essential. They supply advantages of a low-cost inorganic fibre, providing impact strength and good workability.

"Asbestos Shorts" are graded to meet manufacturers' requirements in production of Asphalt and Vinyl Floor Tile, Automobile Body Undercoating, Asphalt Paints and Plastics, Texture Paints and Adhesives, Asbestos Insulating Cement and other products.

For further information, write to —

**Executive Offices: 500 Fifth Avenue
New York 36, N. Y.**

The RUBEROID Co.

ASPHALT AND ASBESTOS BUILDING MATERIALS

idea. In the same year, Dr. Mattison developed and introduced the country's first Asbestos Corrugated and Flat Structural Sheets—a material widely favored today throughout Industry for its resistance to fire, weather, many chemicals and decay.

By the turn of the century, the "horseless carriage" was showing unmistakable signs of popularity. And with good reason . . . it was so speedy! No trick at all to whip it up to 12-15 miles per hour! But bringing the new machine to a stop was something of a problem. The customary leather brakes couldn't stand the heat generated by such undreamed-of speeds.

So . . . Asbestos to the rescue. K&M, as the largest maker of Asbestos textiles, supplied the material in the form of tape and cloth, to leading brake lining manufacturers.

World War I brought a great need for asbestos products of all types. K&M, by this time the world's largest manufacturer of Asbestos and Magnesite products, supplied tremendous quantities of Asbestos . . . paper for helmet linings, insulations for ships, building materials for new war plants . . . these were just a few of the military duties of this versatile mineral.

In 1924, Ebonized Asbestos was added to the line—an impregnated asbestos-cement sheet of unusual dielectric strength. The electrical industry today uses this fine insulating board in large quantities for paneling, switchboards, bus bar runs, cabinet linings, and many other electrical insulating jobs.

Next, Asbestos tackled the old demon Noise. In 1936, K&M introduced Sprayed "Limpet" Asbestos acoustical material . . . the first asbestos acoustical product in this country. It differs widely from other noise-killing materials in that it is sprayed from a gun like paint. It can be applied to irregular surfaces just as easily as flat ones—can even be painted, without noticeably lowering its acoustical value.

As business expanded, so did the Ambler plant facilities. But a new problem began to make itself felt . . . the high delivered cost of K&M products to the Western half



**In automobile
underbody coating . . .**



ASBESTOS "Shorts" and "Floats" **prevent checking and cracking**

These shorter length Johns-Manville asbestos fibers have proved to be vital ingredients of auto underbody coatings. They provide proper body . . . prevent checking and cracking . . . help the coating resist the impact of flying stones. And they contribute to fire safety because asbestos cannot burn or support combustion.

In other products such as adhes-

ives, asphalt tile, texture paints, friction materials, plastics . . . asbestos "shorts" and "floats" serve as fillers, extenders, conditioners, reinforcers, and heat-resisting agents.

If you would like further information about the various uses, properties and classifications of these versatile forms of asbestos, write to address below for Brochure AFD-4A.



Asbestos Fibre Division
Canadian Johns-Manville Limited
970 Sun Life Bldg. (Telephone: UN-6-9701) Montreal, P. Q., Canada

of the United States. To ease this situation, the management decided to build a new plant at St. Louis, Mo., and in 1927 this plant went into operation. Today, it produces vast quantities of asbestos-cement products for the Western and mid-Western States.

During the 1930's, Asbestos went into competition with the water boy, Gunga Din, when it was found that asbestos-cement could be made into superior pipe for water conveyance under pressure. Superior—because it would not rust, tuberculate or require costly looking-after once it was installed. K&M started manufacture of "Century" Asbestos-Cement Pipe in 1937.

Pearl Harbor! . . . and with it, a mushrooming demand for K&M Asbestos products of all types. So, for the next four years, all Keasbey & Mattison facilities went into action turning out asbestos products for war. From the time a serviceman started his training, he saw K&M products at hand. Many airfields received water for drinking and fire-fighting via "Century" Pipe. Warships and transports controlled heat with "Featherweight" 85% Magnesia on pipes and boilers, and asbestos insulation on bulkheads.

Electrical cables in submarines were wrapped in Asbestos Fine Tape to prevent short circuits. Asbestos gloves protected the hands of machine gunners. And, as in the first war, Asbestos Paper served as a lining for helmets.

In addition to all that, a brand new K&M development called "Century" Apac helped to ease the acute war-time building bottleneck. Because it is a flat, low-cost asbestos-cement sheet of unusual versatility, more square footage of it was used for industrial war construction than any other sheathing of its type. Today, Apac is in wide demand for dozens of structural uses.

Recognition of the Company's war-time service came in 1943 with the award of the Army-Navy "E". Subsequently, three stars were presented to the K&M Ambler plants.

Today, at five locations plants roll out the Asbestos

Carey **ASBESTOS**

Since 1873 Carey has been manufacturing products of which asbestos is an integral part.

And Carey research is constantly working to make those products work better and to develop new products which will utilize the outstanding qualities of asbestos.

THE CAREY LINE INCLUDES:

Asbestos Corrugated Roofing and Siding
Asbestos Fiber and Specialties
Asbestos Flat Sheathing
Asbestos Heat Insulations and Cements
Asbestos Packing • Asbestos Roofing Felts
Asbestos Paper and Millboard
Asbestos Prefabricated Ducts
Asbestos Shingles and Siding
Asbestos Wallboard

THE PHILIP CAREY MANUFACTURING CO.
CINCINNATI 15, OHIO

In Canada: The Philip Carey Co., Ltd., 277 Duke Street, Montreal 3, P. Q.

"ASBESTOS" — February 1954

Page 9

products of America's Asbestos Pioneer which are sold through more than 800 distributors. So great have been the demands for K&M products that the plants at Ambler and St. Louis were augmented in April 1947 by the opening of a third plant in New Orleans. Here, asbestos-cement materials feed the growing needs of the South and South West.

In 1951 a plant was placed in operation at Meredith, N. H., for the manufacture of asbestos textiles and in September 1953 a new plant was completed at Santa Clara, California, and manufacture started of "Century" Asbestos-Cement Pipe.

REPORTS ON ASSOCIATION ACTIVITIES

1. Asbestos Textile Institution

The Asbestos Textile Institute held four regular meetings during 1953, and through these and in conjunction with the activities of the Air Hygiene Committee, the Sales Promotion Committee and the Technical Committee, many notable accomplishments were achieved. The officers of the Institute during 1953 were: President, D. W. Widmayer, Keasbey & Mattison Co.; Vice-President, F. J. Wakem, Johns-Manville Corp.; Treasurer, A. J. Scanlan, American Asbestos Textile Corp. and Secretary, M. C. Shaw, Rutgers University.

The membership of the Institute now consists of the seven Regular Members including American Asbestos Textile Corp., Asten-Hill Manufacturing Company, Johns-Manville Corp., Keasbey & Mattison Co., Raybestos-Manhattan, Inc., Southern Asbestos Co., Union Asbestos & Rubber Co., and seven Associate Members including Asbestos Corporation and Johnson's Company, Thetford Mines, Canada; British Belting and Manufacturing Company, English Asbestos Company and Small & Parkes Ltd., England; and Societe Anonyme de Francaise du Ferodo and Societe Francaise de l'Amiante, France.

The Air Hygiene Committee under the chairmanship of H. M. Jackson, Johns-Manville Corp., has been actively engaged in investigations related to the hygienic pro-

Gold Bond® **ASBESTONE**

Asbestos - Cement Roofing & Siding

•
ROOFING SHINGLES
SIDING SHINGLES
CORRUGATED SHEETS
FLAT SHEETS

You'll build or
remodel better with

Gold Bond

ASBESTONE CORPORATION

5300 Tchoupitoulas St.

New Orleans 15, La.

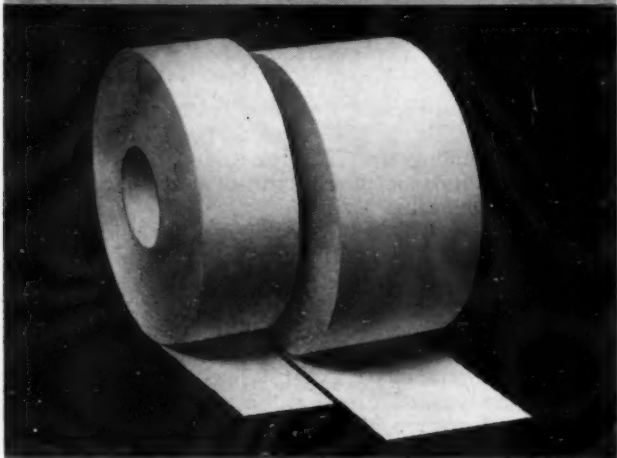
A Subsidiary of
NATIONAL GYPSUM COMPANY · BUFFALO 2, N. Y.

blems encountered in the asbestos textile industry. On two occasions during the past year, physicians representing the member firms met with the regular committee and engaged in discussions pertaining to the purely medical aspects of the problems being encountered. An effort was here initiated to coordinate the facts and theories expressed by the physicians with the views of the engineers and operators as they are currently understood. This initial endeavor, on the part of the Institute, to integrate the views of these two groups has proven highly encouraging and through continuation of these efforts much valuable information is anticipated.

The Sales Promotion Committee, under the chairmanship of G. J. Harris, Southern Asbestos Company, has continued to advance its active program designed to inform and enlighten, regarding the usefulness and merits of asbestos textiles. Perhaps the most notable contribution by this committee during the year just passed was the publication of *The Handbook of Asbestos Textiles*. The enthusiastic acceptance of this Handbook by the industry serves to indicate the need which has long existed for such a publication and the Institute is pleased to have been afforded the opportunity of thus serving the industry. Also, the Visual Aid Display distributions have continued to be well received by the schools and universities in this country and, in addition, displays have been sent to Canada and England for exhibition throughout those countries.

The Technical Committee, under the chairmanship of J. L. Tucker, Johns-Manville Corp., has continued to carry on a full program of investigations covering all phases of technological advancement within the industry. The Fellowship program, conducted by Dr. M. C. Shaw at Rutgers University, under the direction of the Technical Committee, has furnished much useful information related to the elevated temperature serviceability and the abrasion resistance characteristics of asbestos textile. In addition, the ever changing consumer demands as reflected in the various specifications of the federal agencies and in-

SAL-MO SALES ARE R-O-L-L-I-N-G



Continued product development and aggressive merchandising are two of the factors which contribute importantly to the ever-increasing acceptance of our wide line of asbestos products.

SALL MOUNTAIN COMPANY

HAMILTON, OHIO

dustrial consumers have been receiving the considerations of the Technical Committee.

The membership and activities of the Institute are continually expanding and the services of the several active committees are being so ordered that the best interests of the entire asbestos textile industry may be advanced.

By Dr. Myril C. Shaw, Secretary

2. Asbestos-Cement Products Association

The Asbestos-Cement Products Association, composed of companies which utilize asbestos fibre in the manufacture of building materials, continued in 1953 to enhance the position of these products in both residential and commercial construction.

On the basis of shipment figures for the first 11 months, demand for the industry's products remained firm. It appeared that sales of siding shingles, the principal commodity, would not quite reach the record total of 1952 but would exceed the 1951 figure by a substantial margin. Shipments of roofing shingles dipped slightly but they were offset by sustained sales of asbestos board at the high 1952 level and a satisfying increase in the market for corrugated sheets.

The high volume of siding shipments recorded in each of the four years from 1950 to 1953, industry observers believe, constitutes definite proof that asbestos siding shingles have earned for themselves a top position among materials for new construction. At the same time, they have maintained their leadership in the modernization field.

At the Association's 16th annual meeting, held in White Sulphur Springs, W. Va., Ernest Muehleck of Keasbey & Mattison Company, was elected president to succeed William R. Wilkinson of Johns-Manville Sales Corporation. Other officers names included: vice-president, E. J. O'Leary, The Ruberoid Co.; treasurer, R. J. Tobin, Tilo Roofing Company, Inc.; and secretary, Chester C. Kelsey, who is also manger of the association.



HAIR FELT

FOR

Low Temperature Insulation

Newark Hair Felt Co.

**1000 Maple Avenue
Lansdale, Penna.**

Stuart Ralph of the Flintkote Company and Mr. Wilkinson joined the officers on the executive committee.

The rising importance of asbestos siding in new residential meeting prompted the Association to intensify its work on methods of applying asbestos shingles over non-wood sheathing. The sales engineering committee, headed by A. H. Fay, investigated metal channels, new fasteners and other devices intended for such use. As a result, the association was able to obtain considerable recognition at the NAHB convention in Chicago this January through a demonstration of these methods. It was ably conducted by Miles V. Engelbach of The Ruberoid Company, a member of the sales engineering committee.

The technical committee, under the leadership of Simon Collier, institute research into a variety of factors involving quality control, all aimed at bringing the industry's output to the highest possible standard.

Procedures for facilitating shipments were recommended by the traffic committee, under the chairmanship of H. R. Candy. This group also performed a valuable service in keeping industry members advised of commission findings and rate developments pertinent to the movement of asbestos-cement products.

As has been the case for more than a decade, one of the association's major activities remained the stimulation of sales through publicity and promotion. Under the guidance of Chairman R. L. Johnson, the publicity committee obtained a record volume of favorable attention through television, radio, newspapers and magazines. Two industry films were presented on TV by more than 50 stations.

All association activities are coordinated, and many of them instigated, by the planning committee. D. W. Widmayer was succeeded as committee chairman in June by L. W. Clarke. R. F. Turner continued as chairman of the corrugated committee, the good work of which was reflected in the increased shipment reports of 1953.

By Chester Kelsey, Manager

ASBESTOS

ASBESTOS

CORPORATION

LIMITED

THETFORD MINES

QUEBEC

CANADA

REPRESENTATIVES

GREAT BRITAIN:

W. A. JANITCH.
37/38 Coal Exchange Building
Lower Thames St., London, E. C. 3

GERMANY

BECKER & HAAG
Ferdinandstrabe 58 (Hapag-Haus)
Hamburg I, Germany

U. S. A.:

BALTIMORE, MD.:

WALLACE & GALE CO.,
115 South Gay St.

CLEVELAND, OHIO:

WORLD'S PRODUCTS TRADING CO.,
842 Standard Bldg.

CHICAGO, ILL.:

THE STARKIE COMPANY
5461 W. Division St.

NEW YORK, N. Y.:

WHITTAKER, CLARK & DANIELS, INC.
260 West Broadway

SAN FRANCISCO, CAL.:

L. H. BUTCHER CO.,
15th and Vermont Sts.

CANADA:

MONTREAL, QUE.:

ATLAS ASBESTOS CO., LTD.
5600 Hochelaga St.

TORONTO I, ONT.

CANADIAN ASBESTOS ONTARIO LTD.
27 Front St., East

RELOCATION PROGRAM AT THETFORD MINES

To permit the co-ordination of mining operations of the three major independent Canadian asbestos producers in Thetford Mines, Quebec a major relocation program has been undertaken. This consists of clearing away of all surface establishments bordering and covering the area affected by present and planned underground workings of the Bell Mine, King Mine and Johnson's Mine.

The relocation project, which is expected to cost in excess of \$5 million, includes an eight-and-one-half-mile diversion of the Quebec Central Railway, the building of new streets to connect the two portions of the town and the moving of many dwellings and business establishments.

The three mines involved have operated for about 75 years by sharing the same basic orebody and this orebody, in recent years, has gradually been surrounded by the separate mine surface plants and part of the City of Thetford Mines.

All three mines operated by openpit methods until the 1930's by which time the depth of the workings and the lack of surface space first forced the King Mine to adopt underground methods of mining. Shortly afterwards the Johnson's Mine was forced to do likewise.

The Bell Mine remained as an openpit operation until 1951 by which time the differing depths of mining of the three properties brought about mutual difficulties because of boundary subsidence of portions of the upper mines into the lower ones. In addition, subsidence effects from the mining operations at depth became evident on the surface.

With the passing of time operations became more and more acute but by mutual cooperation the double-edged problem has been successfully surmounted. Mining schedules of each of the three mines have been arranged so that work being done in one mine will not conflict with either of the other two, while secondly, the combined

JOHNSON'S COMPANY LTD.

ESTABLISHED IN 1875

Head Office

Thetford Mines, P. Q. Canada

Mines

Thetford Mines, Quebec
Black Lake, Quebec



Producers of All Grades of

RAW ASBESTOS



REPRESENTATIVES

GREAT BRITAIN	A. A. BRAZIER & CO. "Avenue Lodge" 65a Bounds Green Road, LONDON, N. 22, England
CHICAGO 4, ILL.	GRANT WILSON, INC. 141 West Jackson Boulevard
NEW YORK, N. Y.	HARDWARE PRODUCTS CO. 3 Park Place, New York 7, N. Y.

operations of all three mines have been so devised as to not cause damage to buildings and services on the surface.

Relocation Ltd., with headquarters at 19 Legendre Street, Thetford Mines, was established early last year to help continue the co-ordination of mining operations and to take charge of clearing and relocation of all surface establishments above the central orebody and contiguous to it, which might be affected by future underground operations.

While many large mining areas are relatively free of surface disturbances caused by underground workings this is not true in Thetford Mines where the serpentine rock is weak and incompetent. No timber support can be used underground because of the undesirable splinters which wood leaves in the final asbestos product.

The block caving method of mining is used, and all underground openings of a permanent nature are supported by steel and concrete. Dry mill tailings are placed as fill over the subsiding mining blocks, and although this fill does prevent sudden collapses of ground, it does not stop a gradual shattering and movement of the rock surrounding the mine workings.

Leigh W. Bladon, prominent Canadian consulting engineer who has done work for a number of the asbestos mining companies in the Thetford Mines area for many years, has been appointed manager of Relocation Ltd. In outlining the facts relating to this major program for "Asbestos" recently he pointed out that the cost of the project was being shared on a "pay-as-you-go" basis by Bell Asbestos Mines Ltd., Asbestos Corporation Ltd., and Johnson's Co. Ltd., in proportion to the ore reserves which the project will make available to each mine.

Quemont Construction Company commenced work on the lengthy railway diversion in August 1953 and it is expected to be ready for traffic by August of this year. A new railway bridge across the Thetford River must be built and a new station, freight shed and marshalling yard provided. In addition, a new railway spur line to the

DRYLON WET MACHINE FELTS

Wool and Nylon Blend Fleece

Carefully Engineered

To Meet

Your Individual

Problems

In

ASBESTOS CEMENT PRODUCTS

ASBESTOS MILLBOARD

ASBESTOS PAPER

**Our Patented Construction Places the Nylon Where
It Is Most Effective*

**DRYCOR FELT COMPANY
STAFFORDVILLE, CONN. USA.**

**Nylon Has Proved Itself Essential in Asbestos Cement Felts*

Johnson's Mine is being constructed.

Two new city streets will have to be built to connect the two portions of the city which will be completely severed by the project; new water mains have to be laid and sewage lines changed. Considerable changes are also required for high and low tension power lines and distribution cables and telephone and telegraph systems must be modified.

A number of dwellings and business establishments have to be moved out of the way and set up again elsewhere, including the Head Office of the Johnson's Company and the Church of England.

Both the Quebec Provincial Government and the Thetford Mines City Council are cooperating fully with the mining companies in this important move which will ensure trouble-free and economic mining of this major ore-body for many years to come.

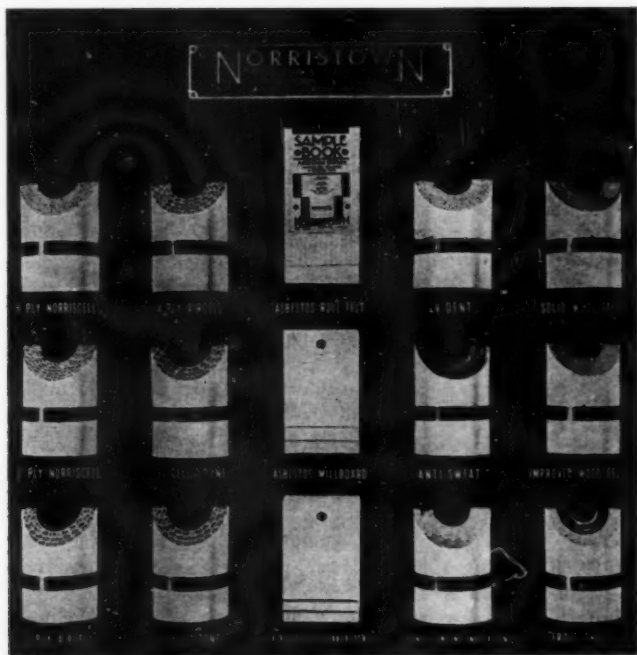
. . . —

Producers of 85% Magnesia and diatomaceous silica insulations have adopted new simplified thicknesses for pipe insulation which will aid specification writing and permit the use of all sizes and thicknesses in double layer construction. The new thickness tables result from collaborative effort of the members of the Technical Committee of The Magnesia Insulation Manufacturers Association.

A complete conversion table showing the new nominal and actual thicknesses as compared with the absolute thicknesses including "Standard" and "Double Standard" may be obtained from The Magnesia Insulation Manufacturers Association, 1317 F. Street, N.W., Washington 4, D.C., or any of its members.

FOR SALE

One Canadian Asbestos Testing Machine manufactured by Thetford Foundries, Thetford, Canada. New condition, about one year old . . . immediate delivery, price interesting. Address: Box 2ST-NY, "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa.



The Leadership Line

in the Insulation Field

for Over Fifty Years

NORRISTOWN
MAGNESIA & ASBESTOS CO.
NORRISTOWN • PENNSYLVANIA

BUILDING

A new all-time high dollar-volume record was established in 1953 with \$17,443,463,000 in construction contract awards according to Dodge Reports totals. This total was 4 per cent higher than the previous all-time mark set in the preceding year for the 37 states east of the Rockies. F. W. Dodge Corporation, construction news and marketing specialists, states that the large volume of contracts let in the second half of last year indicates that the amounts of current construction activity and work to be put in place during the coming months are very high indeed.

One of the categories showing a big gain over 1952 was heavy engineering (public and private works and utilities) which was up 17 per cent. Non-residential awards were up 4 per cent, and residential, although down a moderate 3 per cent, contributed heavily towards making 1953 a highly satisfactory construction year.

Generally speaking, Dodge officials noted, 1953 kept ahead of 1952 even with a mild turndown in June. At the halfway point, cumulative totals for 1953 were ahead of the preceding year. While August and September fell behind corresponding months of 1952, the third-quarter total still was leading 1952. Boosted by awards in October and November, 1953 was then definitely headed toward a new high finish and reached it, even though the year's final month, December had awards of \$1,299.8 billion compared to December 1952's higher figure of \$1,467.4 billion.

Individual 1953 totals were: non-residential, \$6,955,866,000; residential, \$6,479,143,000; heavy engineering, \$4,008,454,000

December contract awards then were 7 per cent lower than November and 11 per cent behind December 1952.

WANTED

Surplus asbestos fibre, waste, paper, yarn.

Address: Box 2R-NY, "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa.

CANADIAN ASBESTOS FIBERS



THE NICOLET MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET ASBESTOS MINES LIMITED INC.*

70 Pine Street

New York 5, New York

**One of the NICOLET Industries*

MARKET CONDITIONS

We have received some comments indicating that the General Market observations in the December issue of "ASBESTOS" have been interpreted to mean major producers of Asbestos would not hesitate to make price concessions to sustain satisfactory volume. We would like to remind our readers that our observations under the heading "General Business" apply to business conditions in the United States of America and particularly to market conditions affecting manufactured goods rather than raw materials. Under present conditions we feel that price concessions may soon be made in lines of capital equipment and in consumer's durable goods. We wish to make it clear that the specific comments made on asbestos fibre and on other particular lines of manufactured products of asbestos which appear in our publication may at times seem contradictory to general observations applying to General Business. In such cases the comments on the specific line concerned may always be taken as reflecting the best informed opinions we have been able to obtain on that specific material, even though such opinions may seem to differ from our statements regarding General Business in the country.

GENERAL BUSINESS.

General business continues good but spotty from area to area and industry to industry. The stock market has been stronger but a majority of economists seems convinced practically all business will not be as good in 1954 as it was in 1953. Steel production is still less than 80% of capacity. Used car sales are slow but new car producers express intentions of continuing to produce at near capacity, at least for the present. There is increasing evidence that marginal producers in many lines are being forced to cut prices in an effort to sustain their volume, with varying degrees of success. There are still no signs that the "recession" is gathering momentum at a rate which would lead to a serious depression in the near future.

BLUE ASBESTOS

*The world's largest suppliers
of Blue Asbestos are:*

**CAPE BLUE MINES (PTY) LTD.,
Skefko House, Rissik Street,
Johannesburg, South Africa.**

*With their mines centred at
Koegas, Cape Province.*

AN ASSOCIATE COMPANY OF:

**THE
CAPE ASBESTOS CO.
LIMITED**

114-116 Park Street, London. W.1.

ASBESTOS — RAW MATERIAL

The over-all demand for asbestos fibre and shorts dropped considerably when the season of open navigation ended. It will no doubt remain on a somewhat curtailed basis until the Spring opening.

The demand for domestic users remains at the level of recent months and probably will not change materially during the Winter season.

ASBESTOS — MANUFACTURED GOODS.

Asbestos Textiles. The present market demand for all forms of textiles is slightly below normal but stronger competition is expected. The wire industry is still slow.

Asbestos Brake Lining. Parts market was as usual off in December, but appears to be running now on a par with January of '53. Close to a record high is expected in replacement sales. Equipment sales should be slightly under last year as less cars are expected to be produced.

Asbestos Paper. The paper situation is very competitive, since capacity to produce is still considerably in excess of demand. The *Millboard* market is very much the same as paper. *Saturated Paper* demands will be less than production for the first quarter due to weather conditions but the second quarter is expected to pick-up.

Insulation. High Pressure. There is a large backlog of insulation contracts to be placed under the record volume of general contracts awarded in 1953. Plants are operating at full production and are looking forward to continuing for the first six months.

“Tropag”

ASBEST- & ERZIMPORT OSCAR H. RITTER K. G.
Hamburg Ballindamm 7

Importers since 1909 of

ASBESTOS - ORES - MINERALS

**MOUNTBRIDGE EXPLORATION &
INVESTMENT CO. (PTY) LTD.**

**Lubraco House, C/r Nugget & Pritchard Streets,
Johannesburg. Box 4421. Cables "Montexin"**

*South African and Rhodesian
Asbestos Fibres*

ENQUIRIES WELCOME

Insulation. Low Pressure. Business seems to be improving in certain sections of the country as more and more housing projects are ready for insulation. This, together with the number of commercial buildings that are ready for Low Pressure Insulation, makes the demand for this material rather strong at present.

Asbestos Cement Products. The market remains about the same, but is expected to be favorable, subject to extent of new home construction.

While demand for roofing and siding has been slow, January order placements to date have been greater than total January placements last year.

At present demands for corrugated and flat are slightly below production and this is expected to continue for the next two months.

The future outlook for pressure and sewer pipe sales appears as strong as ever although there is a slight seasonal drop in some areas. There appears little slack in the sales of flue pipe, building sewer, warm air ducts and conduits.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

— . . .

The first Southern Homes Show, which is planned as an annual affair, has been scheduled for March 22-26, 1954 in Textile Hall, Greenville, S. C.

The show that will exhibit to the largest concentration of textile families in America is being staged by Textile Hall Corporation whose personnel for more than 35 years has put on the big biennial show of the textile machinery manufacturers and suppliers known as the Southern Textile Exposition.

**COMPLETE PLANTS FOR MAKING ASBESTOS CEMENT PIPES
ALL SYSTEMS**

Automatic Pipe Testing Machines — Precision Steel Mandrels

Aluminum Forms for Specials

Complete Plants for Making Sheets — Hatschek System

Automatic Corrugating Machines

Modern No-Loss Filters (Separators) • Conveying of Cement in Bulk

PLANTS CAN BE INSPECTED

Whole Plants Designed, Equipped and Started

ASBESTOS CEMENT ENGINEERING CO. S ar. I.

VIALE MISURATA, 10

MILAN, ITALY

ASBESTOS FIBRES

Rhodesian Chrysotile — South African Chrysotile — Cape Blue —
Transvaal Blue — Montasite — Amosite — Anthophyllite

PUTTEN'S ASBESTOS

Milled
Fibres

**CORPORATION OF
SOUTH AFRICA**

Hand-cobbed
Fibres

JOHANNESBURG

"Shorts" — "Medium" — "Longs" — also "Spinnable Grades"
No order too small — No order too big.

All enquiries will receive prompt and careful attention. If you require information on us, approach our Bankers:

BARCLAYS BANK (D. C. & O.),

Loveday Street South,

Johannesburg.

and

VOLSKAS LIMITED,

76, Market Street,

Johannesburg.

We guarantee satisfaction. Our old Clients know that we are not boasting. Give us a chance to prove ourselves and you will also be pleased.

PUTTEN'S ASBESTOS CORPORATION OF SOUTH AFRICA

203/207, Alris Building

3, Rissik Street

Johannesburg

Tel. add.: Euraf Johannesburg — P.O. Box 7167 — Tel. 33-9052

Members: JOHANNESBURG CHAMBER OF COMMERCE.
SOUTH AFRICAN ASBESTOS EXPORTERS' ASSOCIATION.
ASBESTOS & BASE MINERAL ASSOCIATION OF SOUTHERN AFRICA.

IMPORTS AND EXPORTS

Imports into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries:

	September 1953 Tons (2240 lbs.)
From Canada.....	46,067
Union of South Africa	1,518
South B. Africa.....	218
Southern Rhodesia.....	615
Bolivia.....	75
United Kingdom.....	84
Other Countries.....	102

Valued at.....	48,679 \$4,072,776
----------------	-----------------------

By Grades:

Crude No. 1, Chrysotile, S. Rhodesia.....	51
Crude No. 1, Chrysotile, Other Countries.....	4
Crude No. 2, Chrysotile, S. Rhodesia.....	28
Crude No. 2, Chrysotile, Other Countries.....	4
Crude, Other, Chrysotile, United Kingdom.....	84
Crude, Other, Chrysotile, U. of S. Africa.....	235
Crude, Other, Chrysotile, S. Rhodesia.....	536
Crude, Other, Chrysotile, So. B. Africa.....	218
Crude, Other, Chrysotile, Other Countries.....	73
Crude, Blue, Bolivia.....	75
Crude, Blue, Union of So. Africa.....	681
Crude, Blue, Other Countries.....	1
Crude, Amosite, U. of S. Africa.....	602
Textile Fibres, Chrysotile, Canada.....	991
Textile Fibres, Chrysotile, Other Countries.....	2
Shingle Fibres, Chrysotile, Canada.....	5,967
Shingle Fibres, Chrysotile, Other Countries.....	18
Paper Fibres, Chrysotile, Canada.....	3,660
Other Fibres, Chrysotile, Canada.....	35,449

48,679

Manufactured Asbestos Goods:

	September 1953 Quantity (Lbs.)	Value
Asbestos Yarn, United Kingdom	35,085	\$23,805
Asbestos Packing—Fabric	2,027	3,184

Asbestos Woven Fabrics—Other.....	5,095	4,860
Asbestos Cement Products (Not Impreg.) ,Canada	180,852	11,971
	<u>223,059</u>	<u>\$43,820</u>

Imports of Asbestos by United Kingdom

(Figures by Bureau of Census)

Raw Materials

	November 1953	
	Tons (2240	lbs.)
From Union of S. Africa.....	1,042	
Southern Rhodesia.....	4,444	
Basutoland, Bechuanaland & Swaziland.....	800	
Canada.....	3,092	
Other Commonwealth Countries and the Irish Republic.....	134	
Foreign Countries.....	
	<u>9,512</u>	

These figures were supplied by the Mining Journal Limited of London.

Fibre-Tex Agencies (pty.) Ltd.

— Affiliates in all principal countries —

South African - Rhodesian Asbestos Fibres

● — ALL GRADES ● — ALL TYPES

Vancouver House
145 President Street
JOHANNESBURG

P. O. Box 1798
Cable: "FIBRETEX"

Exports from U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	October 1953	
	Tons (2240 lbs.)	Value
To:	2	\$ 820

Manufactured Asbestos Goods:

	Quantity	Value
Asbestos Pipe Covg. & Cement	Lbs. 462,439	\$ 74,033
Asbestos Textiles & Yarn	Lbs. 48,304	58,906
Asbestos Packing	Lbs. 145,787	149,247
Asbestos Bk. Lng. (Mld.&S.Mld.)	Lbs. 315,363	301,461
Asbestos Bk. Lng. (Woven	Lin. Ft. 23,208	23,010
Asbestos Clutch Facings	No. 112,395	94,846
Asbestos Brake Blocks	Lbs. 25,759	18,636
Asbestos Construction Materials	Lbs. 2,661,342	226,569
Asbestos Manufactures—Others	Lbs.	34,809
		<hr/> \$981,517

Australian--Statistics

(Published by Bureau of Mineral Resources, Geology and Geophysics
Ministry of National Development)

Tons 2240 lbs.

Quarter ending June 30, 1953

Production

Crocidolite	910 tons
Chrysotile	250 tons

1,160 tons

Imports

Amosite	1,906 tons
Chrysotile	4,581 tons
Crocidolite	59 tons
Other	28 tons

6,574 tons

Exports to

Belgium	82 tons
U. S. A.	272 tons
Other Countries	37 tons

391 tons



Mundet Cork Corporation

Insulation Division, 7101 Tonnelle Ave., North Bergen, N. J.

Mundet district offices are located in these cities:

ATLANTA 239-41 Elizabeth St., N.E.	DALLAS 10 601 Second Ave.	JACKSONVILLE 6, FLA. 800 E. Bay St.	NEW ORLEANS 16 315-25 N. Front St.
BALTIMORE 30 612 Battery Ave.	DETROIT 21 14401 Prairie Ave.	KANSAS CITY 7, MO. 1401 St. Louis Ave.	NEW YORK 17 231 Madison Ave.
BOSTON 57 Regent St., N. Cambridge 40	HOUSTON 1 Commerce and Palmer Sts.	KNOXVILLE 1221 Grand Ave.	PHILADELPHIA 29 856 N. 48th St.
CHARLOTTE 3, N. C. 507 S. Cedar St.	INDIANAPOLIS 4 15 E. Washington St.	LOS ANGELES (Maywood): 6116 Walker Ave.	ST. LOUIS 9 3176 Brannon Ave.
CINCINNATI 2 427 West 4th St.		In Canada: Mundet Cork & Insulation, Ltd., 35 Booth Ave., Toronto	SAN FRANCISCO 7 440 Brannon St.



PRODUCTION STATISTICS

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for November 1953	82,387 tons
Compared with November 1952	79,216 tons
Dominion Production for November 1953 is 84,369 tons, a difference of 1,972 tons from the Quebec figure.	

Africa (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2000 lbs.

Production for September 1953	7,630.49 tons
Valued at	£482,619
Production for September 1952	8,000.68 tons
Valued at	£630,508

France

(From Mineral Trade Notes, Nov. 1953)

Production of asbestos totaled 63,000 metric tons valued at fr. 400,000,000 in 1952. Imports of asbestos in 1952 totaled 55,995 tons valued at fr. 3,883,435,000 from foreign countries and 38 tons valued at fr. 4,224,000 from French colonies. Exports of asbestos totaled 1,766 tons valued at fr. 78,739,000 to foreign countries and 1,070 tons valued at fr. 80,091,000 to French colonies. (Attache Donald L. Woolf, and trade statistics, 1952, Paris.)

THE CAREY COMPANY

Gilbert D. Lortz was recently appointed to the position of Sales Manager of Industrial Rock Wool Felt, Asbestos Fibre, Mill-board and Paper, Fabricated Parts and Asbesto-Sorb for the Philip Carey Mfg. Company.

Mr. Lortz returns to the Carey Sales Department after several years service in the Manufacturing Division of the firm.

He joined Carey in 1935 at which time he designed and put into operation the company's first Rock Wool plant. Before becoming affiliated with Carey he was a member of the C. W. Poe Company whose rock wool plant he also built and designed. Prior to that time Mr. Lortz had been employed with Central Insulation and Supply Company, Banner Rock Products Company and Cummins Diesel Engine Company.

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

1-51 Paterson Avenue

E. Rutherford, N. J.

Cable Address: METABEST



METATE ASBESTOS MINES COMPANY

Producers of
**WORLD'S FINEST CRUDES
AND SPINNING FIBRE**

**Mines: GILA COUNTY, GLOBE, ARIZONA
P. O. BOX 1506 GLOBE, ARIZONA**

**Telephone 261-J
Home Office: P. O. BOX 51, JOPLIN, MO.**

Exports from Canada

(Published by Dominion Bureau of Statistics)

Unmanufactured Asbestos

Crude

United States.....	22	\$ 16,260
United Kingdom.....
South America.....
Central America & Mexico.....
European Countries.....	19	13,090
Other Countries.....

41 \$ 29,350

Milled

United States.....	10,083	\$1,796,212
United Kingdom.....	1,908	400,880
South America.....	2,632	490,563
Central America & Mexico.....	360	57,503
European Countries.....	6,275	1,168,336
Other Countries.....	3,437	524,637

24,695 \$4,438,131

Shorts

United States.....	38,657	\$1,783,804
United Kingdom.....	4,701	189,676
South America.....	524	35,950
Central America & Mexico.....	50	2,530
European Countries.....	3,046	218,793
Other Countries.....	108	6,293

47,086 \$2,237,046

Grand Total—Unmanufactured Asbestos .. 71,822 \$6,704,527

Manufactured Asbestos Goods:

Brake Lining.....	\$ 20,431
Packing.....	184
Other Materials.....	57,715

\$ 77,715

The Heating and Cooling Products Company, 506 North Dearborn Street, Chicago, has been appointed sales representative for "Unarco" heating and air conditioning units.

The new line, designed for use in the domestic, industrial and commercial field, is manufactured by the Union Asbestos and Rubber Company of Chicago.

NOW, AS ALWAYS—

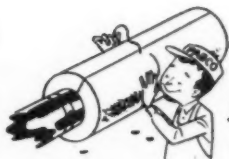


... the
**Dependable
Standard-
Modernized**



UNIFORM PRECISION

Dependable precision in heat insulation,
to meet modern engineering demands!
Pabco "Precision Molded" 85% Magnesia
combines time-tested superiority with
precision molding — close tolerances, con-
trolled sizes, light weight, uniform texture!



SAVES MAN HOURS

Thus, Pabco is faster to apply! Easier to
lift, quicker to cut and score, simpler
to embed tie wires! You get Precision fit—
pipe sizes and blocks molded to exact size!



PABCO PRODUCTS INC.

INSULATION DIVISION

San Francisco 19

New York 16

Manufacturers of Heat Insulation since 1920

NEWS OF THE INDUSTRY

BIRTHDAYS

- C. J. Sherer, Vice President & Treasurer, Russell Mfg. Co., Middletown, Conn., February 18.
- I. J. Harvey, Jr., President & Director, The Flintkote Co., New York City, February 20.
- Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., New York City, February 20.
- G. W. Marshall, Jr., Vice President, Raybestos-Manhattan, Inc., Manheim, Pa., February 21.
- George W. Smith, President, Bell Asbestos Mines Limited, Thetford Mines, Canada, February 22.
- Robert E. Cryor, President, North American Asbestos Co., Chicago, Ill., February 23.
- J. Albert Taylor, Vice-President & Secretary, Wallace & Gale Co., Baltimore, Md., February 24.
- A. S. Johnson, President, Johnson's Co., Limited, Thetford Mines, Canada, February 28.
- Leonard Krez, President & Treasurer, Paul J. Krez Co., Chicago, Ill., February 28.
- A. S. P. Sangster, General Works Manager, Wunderlich Limited, Sydney, Australia, March 2.
- John H. Matthews, Vice President, Raybestos-Manhattan, Inc., Passaic, N. J., March 3.
- Carl Blindman, Sales Manager, Johnson's Co., Limited, Thetford Mines, Canada, March 7.
- M. E. Curtis, President & Treasurer, Curtis Asbestos Co., Boston, Mass., March 7.
- P. M. Taft, President, Taft-Jenkins Company, Holyoke, Mass., March 9.
- Thomas J. Casey, Treasurer, Asbestos Corporation of America, New York City, March 10.
- W. L. Markert, President, Brooks-Fisher Insulating Company, Atlanta, Ga., March 10.
- M. R. Carr, President, H. W. Porter & Co., Inc., Newark, N. J., March 11.
- A. Lines, Superintendent, Durabestos Works, Wunderlich Limited, Parramatta, Australia, March 11.
- James E. Wallace, Vice President, John W. Wallace & Co., Hoboken, N. J., March 11.
- Theodore D. Wallace, Secretary-Treasurer, John W. Wallace & Co., Hoboken, N. J., March 11.

To all these gentlemen we extend best wishes and congratulations on the occasion of their birthdays.

ASBESTOS LIMITED

50 CHURCH STREET

NEW YORK 7, N. Y.

Offers A Complete Line of
VERY FINE COUNT ASBESTOS YARNS
Manufactured
to
Your Specifications.
INQUIRIES INVITED

KINLOCH ASBESTOS

(PROPRIETARY) LIMITED

*The largest exporters of Chrysotile Fibre
mined in the Union of South Africa*

BARBERTON, STOLTZBURG AND DOYERSHOEK

CHRYSTILE ASBESTOS MINES

Loveday House Cables
P.O. Box 1364, Johannesburg "CHRYSTILE", Johannesburg

ARIZONA ASBESTOS

Mined and Milled by

JAUWAYS MINING CORPORATION

1219 S. 19th Avenue

PHOENIX, ARIZONA

Producers of Low Iron Chrysotile

Crudes and Filter Fibre

MINES AND MILL IN GILA COUNTY

TURNER & NEWALL LIMITED

Directors' Report

Copy of Directors' Report for fiscal year ending September 30, 1953, has been received from Turner & Newall Limited, the annual general meeting having been held on January 21, 1954.

The net profit for the year after taxation was £4,492,265.

In the year under review their African Mining Companies continued to operate to the capacity of their respective milling plants and available labor, and during most of the year were able to meet the heavy demands made on their production. Towards the end of the year, however, it became apparent that the demand for the shorter grades was becoming less, and this tendency has continued since the close of financial year. It is obvious that for the moment the period of excessive demand in relation to production capacity is over, but this does not mean that the African Mines will not continue to experience a satisfactory demand, albeit on a lower level than in recent years.

Their Canadian Mining Company, Bell Asbestos Mines, Ltd., experienced conditions of maximum demand for its production and was able to meet such demand with satisfaction to its customers.

The Mine itself continues to produce economically and satisfactorily, but since the close of the financial year has experienced a lessening of demand for the shorter grades of its fibre in the same manner as the African Mines have done. This is not likely to lead to any serious embarrassment as the excess quantities available are small.

AMERICAN BRAKE SHOE COMPANY

Kempton Dunn, first vice-president of American Brake Shoe Company was elected president of the company. *Maurice N. Trainer*, president since 1950, has reached retirement age and was appointed to the newly created post of vice-chairman; the changes becoming effective February 1st.

Mr. Dunn, a native of Philadelphia, has been with the company since 1932 after graduating from Yale University. He became treasurer in 1942 and was also secretary of the company from 1947 to 1949 when he was elected a vice-president. He became first vice-president and a director in 1952.

Mr. Trainer is a native of Pennsylvania and a graduate of the University of Pennsylvania. He joined Brake Shoe in 1916 and moved up through the sales department. In 1938 he became president of the Brake Shoe & Castings Division. In 1943 he was elected first vice-president of the company and in 1944 he became a director.

The plants manufacturing asbestos in more than 30 European countries await your offer thru the special periodical

Rubber and Asbestos

Send for specimen copies and the favorable prices of advertisement at our representatives in U.S.A.:

FREDERIC POPPER

893 Whittier Avenue, Akron 20, Ohio

**A. W. Gentner - Verlag, Stuttgart
Germany**

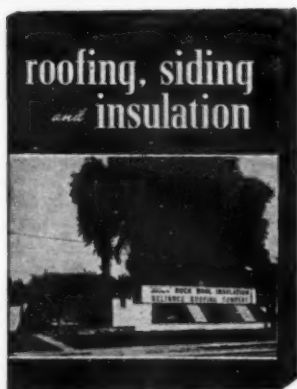
ASBESTOS FIBRES

ASBESTOS WASTE

Frank G. Ruggles Co. Inc.

50 CHURCH STREET

NEW YORK 7, NEW YORK



45 W. 45th Street

.... SURE
WAY....

of selling the
nation's
roofing,
siding and
insulation
contractors!

**CANTOR
PUBLISHING CO.**

New York 19, N. Y.

JOHNS-MANVILLE

Annual Report

'Johns-Manville sales volume in 1953 set a new high record for the fourth successive year, according to the 95th anniversary report mailed on January 27, 1954.

Sales were \$252,642,136, compared with \$244,707,540 in 1952.

Consolidated net earnings of Johns-Manville corporation in 1953 were \$19,661,412 or \$6.20 per share of common stock, compared with \$22,619,951 or \$7.14 per share in 1952. The 1953 earnings were equivalent to 7.8 cents in the sales dollar.

Dividends of \$4.25 per share were paid on the common stock in 1953, the same count as in 1952 and 1951. Dividends paid in 1953 amounted to \$13,472,699. There were 3,172,084 shares of common stock outstanding at the end of 1953, compared with 3,166,544 at the end of 1952.

The payroll in 1953 was \$95,765,003, compared with \$90,393,637 in 1952. Wage increases in United States and Canadian plants and mines during 1953 averaged 7.5 cents per hour or 4.4 percent. Employment at the end of 1953 was 20,000, compared with 21,000 at the end of 1952.

The most important single project is construction of a new mill and enlargement of underground mining facilities now well underway at the Jeffrey asbestos mine at Asbestos, Quebec. Development of a small but important new mine and construction of a mill were started in Southern Rhodesia by Rhodesian Asbestos Limited, in which J-M have a 51 percent interest.

A newly discovered asbestos ore body was acquired in Reeves Township in Northern Ontario as part of a long-range plan of exploration and acquisition to maintain adequate reserves of ore.

The total production of asbestos fibre in 1953 was 565,000 tons.

Other projects during the year included completion of new facilities for the manufacture of moulded packings at Manville, N. J., Flexboard and corrugated Transite sheets at Pittsburg, Calif., and Transite pipe at Toronto, Ontario; virtual completion of additional facilities for floor tile at Manville; partial completion of equipment for new types of industrial insulations at Watson, Calif., and the start of expansion of friction materials facilities at Waukegan, Ill.

CASSIAR ASBESTOS CORPORATION LIMITED

Second Annual Report

The second annual report, dated September 30, 1952, of the Cassiar Asbestos Corporation Limited (of Toronto, Ont., Canada) has been received from F. M. Connell, President.

The deposit of the Cassiar Asbestos Corporation Ltd., is located in the McDame Lake area of the Mining District of Llard, in the northern part of British Columbia.

PHILLIPS ASBESTOS MINES

Producers of

CRUDES

and

FIBERIZED ASBESTOS **The Worlds Finest Fibres**

DRAWER 71

GLOBE, ARIZONA

Mines and Mills in Gila Co., Arizona

ASBESTOS TEXTILES

are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.

Write: Asbeston® Dept., Textile Division

UNITED STATES RUBBER COMPANY

1230 Avenue of the Americas, New York 20, N. Y.



PROMOTIONS AT ASBESTOS

Canadian Johns-Manville have made the following promotions in their asbestos fibre division at Asbestos, Quebec: *R. W. Winson* has been made acting mill superintendent; *H. F. Jansen* is now superintendent at Mill 5; and *V. C. Lindsay* occupies the position of supervisor of quality control.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

	Par	January 1954		
		Low	High	Last
Amer. Br. Shoe (Com).....	np	35½	37½	37½
Amer. Br. Shoe (Pfd).....	100	97½	99½	98
Armst. Ck. (Com).....	np	57	59½	58½
Armst. Ck. (Pfd).....	np	93½	97½	97½
Armst. Ck. (Conv. Pfd).....	np	114	118½	117½
Asb. Corp. (Com).....	np	24½	26½	26½
Carey (Com).....	10	17½	18½	18½
Cassiar Asb. Corp.	np	\$6.30	\$7.00	\$6.50
Celotex (Com).....	np	16	18½	18½
Celotex (Pfd).....	20	15½	16½	16½
Certainteed (Com).....	1	12½	14½	14½
Flintkote (Com).....	np	25½	29½	29
Flintkote (Pfd).....	np	98½	100	100
Johns-Manville (Com).....	np	64½	71½	70½
National Gypsum (Com).....	1	20½	22½	22½
National Gypsum (Pfd).....	np	93½	96½	95½
Pabco Products (Com).....	np	14½	15½	15
Pabco Products (Pfd).....	100	82	82½	82½
Ray-Man (Com).....	np	37	39½	39½
Ruberoid (Com).....	np	55	62½	62½
Thermoid (Com).....	1	7	7½	7½
Thermoid (Pfd).....	50	40½	44	40½
Union Asb. & Rub. (Com).....	5	7½	8½	8½
United Asb. (Com).....	1	\$3.45	\$3.85	\$3.55
U. S. Gypsum (Com).....	20	114½	123	123
U. S. Gypsum (Pfd).....	100	175	177	175½
U. S. Rubber (Com).....	5	29½	32½	31½
U. S. Rubber (Pfd).....	100	134½	142	142

AUTOMOBILE SALES

December 1953

Passenger Cars	387,844
Motor Trucks	94,652
Motor Coaches	424
	<hr/>
	482,920

In December 1952, a total of 535,427 motor vehicles were sold. Sales in the year 1953 amounted to 7,328,040 motor vehicles.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

CURRENT RANGE OF PRICE

As of February 10, 1954

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude (soft)	\$1,600.00 to \$1,700.00
No. 2 Crude (soft)	1,000.00 to 1,050.00
No. 3 Crude (soft)	450.00 to 500.00
Filter Fibre (soft)	250.00 to 450.00
No. 1 Crude (semi-soft)	1,200.00 to 1,500.00
No. 2 Crude (semi-soft)	900.00
No. 3 Crude (semi-soft)	400.00

Canada—	Per Ton (2000 lbs.) f.o.b. Mine
Group No. 1 (Crude No. 1)	\$1,100.00 to \$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	500.00 to 1,000.00
Group No. 3 (Spinning Fibre)	300.00 to 525.00
Group No. 4 (Shingle Fibre)	150.00 to 200.00
Group No. 5 (Paper Fibre)	100.00 to 140.00
Group No. 6 (Waste, Stucco or Plaster)	77.00
Group No. 7 (Refuse or Shorts)	35.00 to 70.00

Vermont—	Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.
Group No. 3 (Spinning & Filtering)	\$ 321.00 to \$ 348.00
Group No. 4 (Shingle Fibre)	156.00 to 173.00
Group No. 5 (Paper Fibre)	110.00 to 132.00
Group No. 6 (Waste, Stucco or Plaster)	78.00
Group No. 7 (Refuse or Shorts)	37.00 to 63.50

WAGE RATE CHANGES

Wage rate changes for Asbestos workers (pipe and boiler coverers) as reported in the January number of the Asbestos Worker (published quarterly by the International Association of Heat and Frost Insulators and Asbestos Workers) are as follows:

Anchorage, Alaska	\$4.00	+8% W.F.	
+7½c W.F.		New York	
Detroit, Mich.	3.15	Naval Shipyard	2.33
+10c W.F.		Oklahoma City, Okla.	2.90
El Paso, Texas	2.92	Phoenix, Arizona	3.00
Jacksonville, Florida	2.82½	+7½c W.F.	
Lawrenceburg, Ind.		Pittsburgh, Pa.	3.25
(Distillery Plant		+7½c W.F.	
Workers only)	2.65	Providence, R. I.	2.97½
Little Rock, Ark.	2.90	+9c W.F.	
Memphis, Tenn.	2.90	Springfield, Mass.	2.85
+7½c W.F.		+9c W.F.	
Miami, Florida	2.70	Springfield, Mo.	2.77½
New York City, N. Y.	3.50	Toronto, Ont., Canada ..	2.25
		Tulsa, Okla.	2.90

W.F. (above) means Welfare Fund.

JOHN HOLT & COMPANY INC

17 State St.

New York 4, N. Y.

Importers
of
South African Asbestos

Representing

JOHN HOLT & COMPANY (PTY) LTD.

JOHANNESBURG

CAPETOWN

NATIONAL GYPSUM CO.

On December 22, 1953 shareholders of Dominion Asbestos Mines, Ltd., approved an agreement between the company and the National Gypsum Co., whereby National Gypsum agrees to pay all of Dominion's stated obligations in return for a 90 day option to purchase all the assets of Dominion subject to full investigation of its ore body during the period of the option.

H. S. McGee, President of Dominion stated that the amount required to pay off all known creditors is estimated at \$450,000. During the period of negotiation a petition in bankruptcy was filed against Dominion by Patrick Harrison & Co. Ltd., mining contractor who is said to have entered a claim amounting to \$150,000 for services rendered in the development of Dominion's mine-mill property at St. Adrien de Ham, located near Asbestos, Quebec.

If the option is exercised National Gypsum will acquire the assets and undertakings of Dominion on issue to that company of 117,000 common shares of National Gypsum worth at current market quotations approximately \$2,450,000. If the option is not exercised the amount advanced to pay current obligations will be repayable 15 months for date of advance, the amount being a top-rating lien on the property.

» ATLANTA «

Allgemeine Handelsgesellschaft
m.b.H.

BREMEN

BREITENWEG 25

Importers of

RAW - ASBESTOS

ACE ASBESTOS MANUFACTURING CO.

*Importers, Exporters, Processors
of All Varieties of*

RAW ASBESTOS

*for
Every Use*

451 COMMUNIPAW AVE.

JERSEY CITY, N. J.

BOOK LIST

The Asbestos Factbook, 16 pages: Information in compact form on origin, facts, locations, uses of analyses, qualities. 25c per copy.

Asbestos Mining Methods. By C. V. Smith. (Reprint) 16 pages. 25c per copy.

Milling Asbestos. By J. C. Kelleher. (Reprint) 16 pages. Companion article to Asbestos Mining Methods. Both should be in every Asbestos Library, 25c per copy.

Recovery of Raw Asbestos. By Roland Starkey. (Reprint) 6 pages. Supplement to Milling Asbestos. 25c per copy.

Canadian Chrysotile Asbestos Classification. Including latest Quebec Testing Method. January 1, 1949 Edition. 4 pages. 25c per copy.

Processing Asbestos Fibres. 8 pages. (Reprint). 25c per copy.

Tests for Cotton Content. 4 pages (Reprint). Describing several methods of testing asbestos textile for cotton content. 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. (Reprint). 20c each.

Brake Linings of Various Types. By R. T. Halstead. (Reprint). (12 pages) from August, September and October 1949 "ASBESTOS." Price 25c per copy.

Twelve Estimating Tables, with Chart. Convenient in figuring flange fittings and other areas. \$1.00 per set.

Manual of Unit Prices. For figuring pipe covering and blocks. 75c per single copy postpaid. Discount in quantities of 6 or more, postage billed.

Order any of the above from "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa. Payment should accompany order.



TEST

... the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER AND SIDING CONTRACTOR

425 Fourth Avenue, New York City

ASBESTOS

FIBRE

YARNS

TAPES

CLOTHS

PACKINGS

ROVINGS

TUBING

WEBBING

CLOTHING

JOINTING

B

B

A

Mintex Brake & Clutch Liners

& other Friction materials

All types of belting

for industry including

SCANDURA the original P.V.C.

fireproof conveyor belting.

BRITISH BELTING & ASBESTOS LTD

CLECKHEATON • YORKSHIRE • ENGLAND

LONDON OFFICE • 59 SOUTHWARK STREET • S.E.1

AFTERTHOUGHTS

Beginning February 5th the National Gypsum Company will sponsor "Today" starring Dave Garroway.

On the NBC network between 7 and 9 a. m. viewers will see Garroway actually demonstrating how they can use Gold Brand Building Products to "add-a-room" in unused space in their homes.

Mr. Garroway will also offer viewers "do-it-yourself" brochures featuring step-by-step construction details and estimated costs prepared by experts.

— . . .

A "task Force" of fifteen salesmen from the textile division of United States Rubber Co. began a whirlwind campaign in 20 major cities to get department store backing for a promotion of Asbestos cloth, a woven asbestos fabric used in premium ironing board covers.

Highlight of the Asbestos promotion will be a daily spot on the Dave Garroway "Today" program carried by the National Broadcasting Company television network. This will start February 2, and run through to March 19.

— . . .

Reprints of "CONSULTING SERVICES" 1953, anniversary edition are now available from the Association of Consulting Chemists and Chemical Engineers, Inc., 50 East 41st St., New York 17. *Enclose remittance of \$1.00 per copy with your letterhead request.*

W. E. SINCLAIR, M.I.M.M.

Consulting Mining Engineer

Specializing in asbestos production in

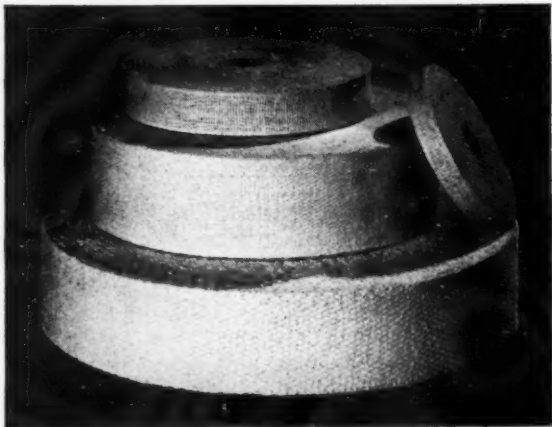
South and East Africa and Rhodesia

P. O. BOX 7311, JOHANNESBURG, S. A.

Lab Tested . . . Service Proved

R/M ELECTRICAL INSULATING TAPES

R/M Electrical Insulating Tapes are woven .010", .015", .020" and .025" thick. Every strand of yarn in these tapes, both warp and filling, has a core of Nylon thread. The Nylon core provides more than adequate tensile for coil winding either by machine or by hand. The greater elasticity found in R/M tapes produces a snug fit around the sharp bends in motor coils. R/M superior electrical insulating tapes are typical of R/M product development.



RAYBESTOS-MANHATTAN, INC. ASBESTOS TEXTILE DIVISION • Manheim, Pa.

FACTORIES: Manheim, Pa.; No. Charleston, S.C.; Passaic, N.J.;
Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ontario, Canada

RAYBESTOS-MANHATTAN, INC., Asbestos Textiles • Packings
Brake Linings • Brake Blocks • Clutch Facings • Fan Belts
Radiator Hose • Rubber Covered Equipment • Industrial Rubber,
Engineered Plastic, and Sintered Metal Products • Abrasive and
Diamond Wheels • Bowling Balls

SOUTHERN ASBESTOS YARNS



Southern produces fine and heavy Asbestos Yarns in various grades of tensile strength and uniformity. Whatever their use, Southern Asbestos Yarns maintain high quality standards. High tenacity Asbestos Yarns are a Southern specialty. Yarns may be treated with various compounds for a wide range of uses. Write for Folder No. 1011.

A COMPLETE LINE OF ASBESTOS TEXTILE PRODUCTS

**THREAD • CORD • CLOTH • ROPE
ROVING • TUBING
CARDED FIBRE • LISTING TAPE
WICKING AND OIL BURNER WICK**

Southern's technical and production facilities are available to develop new and improve old uses for asbestos fibres and textiles. Over 25 years of combined specialized experience is at your service.

SOUTHERN ASBESTOS COMPANY • CHARLOTTE 1, N. C.

D S

S

CTS

C.